Group 2 : 2nd Laboratory

Group members:

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[**How to Make a Scented Candle in a Glass**](http://www.wikihow.com/Make-a-Scented-Candle-in-a-Glass)

**Objectives:**

1. To be able to produce our own candles
2. To be able to apply the things we have learned
3. To discover possible income-generating home-made products

**Materials: Chemicals:**

A wick with a wick sustainer Paraffin wax

A glass Color block

A double boiler or a metal bowl Fragrance oil

over a saucepan of boiling water

A thermometer

A stick/pencil

**Procedure:**

* First step is to buy the required materials.
* Second, think of candle designs. From basic tapers to rectangular, it is best to come up with something unique or very simple as initial design.
* Third, melt the wax at an ideal temperature. It is best to not exceed the required temperature in melting paraffin wax. This can be done by having a thermometer as guide. It also helps if you will learn how to make scented candles with a pouring pot.
* Fourth, add in some color to your melted wax. Apply this process slowly, as incorporating the proper shade can either result to a darker or lighter hue as your finished product. You can make use of powder or candle dye. You can also use chip color as coloring material.
* Fifth, it is also important to choose the right oil or fragrance. In learning how to make scented candles, fragrance is definitely the element that will set your products apart. You can try mixing in two oil fragrances for that personalized touch. More so, you can simply decide on citrus scents or flower-based fragrance.
* Lastly, prepare the mold. Pour in the wax into your chosen container and make sure to affix the wick at the center of the mold. There are available containers with adhesive, to help you place the wick easier. Then let your candles cool. Wax contracts as it cools, so you will need to use a stick or pencil to poke small holes in the candle around the wick after the first pour. This will prevent air pockets developing inside the candle. As the candle sets, the middle will sink as it cools, so you will need to melt more wax and top up the candle.
* Repeat the process. Continue pricking the wax and topping up the candle until the surface is flat.

## Tips

Using pure essential oils will add fragrance to the candle; their scent carries better, lasts longer and is better for your health than artificial versions.

## Warnings

Look at the melting point!!! Don't heat it above that degree. Wax doesn't boil, it combusts, so always ensure that you heat wax over boiling water rather than directly on a heat source to ensure proper dispersing of heat.